

**Amendments to the Specification**

Please replace Table 2 beginning on page 35, line 1 with the following table:

Table 2: Fluorescent signals from binding of antibodies to different glycans in CD patients and non CD patients. Glycans are presented in LINEARCODE®.

Patient No.	Clinical condition	IgG Gb	IgG Gb3Gb	IgG Gb4Gb	IgG GN[65]b	IgG Ma	IgG Ma3(Ma6)Mb	IgG Ma3Ma	IgG Ma6Ma	IgG Xylan	IgG Ma2Ma	IgG ASCA (I)	pANCA	IgA ASCA (I)
10,001	Crohn's disease	239,525	979,509	324,062	28,737	412,186	145,841	585,222	5,407,769	4,677,868	0			
10,004	Crohn's disease	381,122	3,511,076	2,381,922	0	0	0	1,014,289	3,676,579	2,190,867	956,611			
10,005	Crohn's disease	7,641	525,203	13,726	351,139	0	0	0	3,732,911	3,488,820	0			
10,006	Crohn's disease	555,734	62,662	269,512	78,564	42,543	0	48,213	1,091,472	324,492	276,481			
10,007	Crohn's disease	0	0	0	0	0	0	0	2,448,511	1,002,269	0			
10,008	Crohn's disease	0	3,186,273	261,521	0	0	0	0	6,261,035	2,793,801	169,975	60 neg		33
10,009	Crohn's disease	595,715	454,736	328,022	167,316	0	45,886	128,896	3,208,701	874,256	1,180,180			
10,011	Crohn's disease	436,226	2,457,429	0	66,968	0	0	0	4,269,038	918,204	0			
10,012	Crohn's disease	0	27,402	214,518	0	0	0	0	372,869	0	3,692			
10,013	Crohn's disease	91,743	27,235	51,842	0	83,080	0	0	592,410	263,911	30,891			
10,015	Crohn's disease	1,435,731	1,817,947	2,540,714	303,550	0	0	257,538	6,989,275	2,571,728	416,510			
10,016	Crohn's disease	905,573	1,994,899	1,971,018	374,544	84,710	30,478	0	7,307,560	2,000,621	434,306			
10,018	Crohn's disease	521,021	0	147,106	0	0	0	0	609,882	9,322	285,948			
10,021	Crohn's disease	564,385	1,317,083	1,000,896	42,976	0	0	0	3,891,841	1,126,417	0			
10,025	Crohn's disease	885,575	6,891,638	1,217,531	364,637	188,355	109,598	452,964	7,130,311	0	798,295	49 neg		54
10,026	Crohn's disease	539,816	2,154,175	961,447	327,888	153,606	123,522	257,506	3,708,910	221,962	511,471			
10,027	Crohn's disease	113,583	3,559,430	1,182,752	66,965	0	84,390	224,520	4,915,018	1,339,734	84,567			
10,028	Crohn's disease	0	1,825,768	169,320	128,581	0	0	0	602,554	0	0			
10,031	Crohn's disease	20,260	371,507	159,225	0	57,754	0	328,085	5,299,212	4,173,769	0			
10,033	Crohn's disease	725,599	344,750	390,943	340,134	19,046	0	34,499	8,102,888	937,019	173,028	108 neg		43
10,034	Crohn's disease	227,314	87,267	850,765	0	9,877	0	35,562	4,729,753	506,773	0			
10,036	Crohn's disease	391,063	1,425,185	221,359	185,257	479,128	155,365	279,542	4,912,482	967,370	270,805			
10,041	Crohn's disease	2,447,847	7,299,442	1,196,749	554,440	1,382,815	1,131,592	1,065,763	5,218,211	955,444	1,054,897			
10,042	Crohn's disease	3,075,165	4,137,076	4,847,786	1,141,538	657,599	790,941	1,710,324	2,611,948	129,079	0			
10,043	Crohn's disease	228,780	5,724,798	5,015,655	0	0	0	1,436,359	4,450,715	0	3,526,456			
10,047	Crohn's disease	899,158	5,545,432	762,145	348,988	11,887	0	15,398	3,536,621	281,080	269,435	9 neg		18
10,058	Crohn's disease	1,111,889	3,086,078	988,236	253,305	284,314	365,078	320,510	0	2,812,932	0			
10,060	Crohn's disease	3,488,594	5,107,549	3,189,052	861,636	66,108	886,832	0	4,567,274	0	175,351			
10,061	Crohn's disease	302,526	6,708,583	403,578	63,045	116,816	84,505	12,868	737,419	0	829,159			
10,062	Crohn's disease	1,970,248	1,880,984	1,712,647	592,484	479,672	91,350	287,315	5,190,198	4,657,297	26,370			
10,064	Crohn's disease	923,883	1,722,429	2,323,960	458,720	1,300,332	2,380,047	1,161,372	6,597,714	3,696,434	697,255			
10,067	Crohn's disease	679,589	2,850,072	1,376,044	0	325,777	929,191	583,323	1,998,817	0	1,478,295			
10,068	Crohn's disease	412,474	241,622	307,409	256,686	501,122	1,525,473	961,710	29,236	23,386	800,316			
10,071	Crohn's disease	1,182,752	3,578,889	708,938	0	309,375	289,185	1,189,325	3,463,114	2,627,120	711,760			
10,073	Crohn's disease	547,155	2,551,776	1,018,813	293,958	1,159,788	1,611,290	1,181,541	6,630,916	6,178,401	1,576,654	72 neg		113
10,074	Crohn's disease	1,849,657	1,705,604	196,196	150,342	1,020,256	1,307,139	952,214	4,060,050	499,170	608,101	43 neg		18
10,075	Crohn's disease	4,173,024	7,209,245	3,339,828	80,395	1,048,834	749,060	2,574,514	6,247,571	5,264,056	2,824,132			
10,077	Crohn's disease	678,576	1,376,957	659,444	675,875	420,437	209,185	586,814	228,636	417,861	302,912	15 neg		5
10,078	Crohn's disease	852,494	2,324,221	2,518,629	740,309	794,975	676,514	725,854	6,306,500	1,744,354	1,191,273	89 neg		104
10,081	Crohn's disease	1,956,749	1,869,774	1,496,600	365,947	851,804	125,827	624,214	3,758,249	4,236,189	471,166	39 neg		17
10,089	Crohn's disease	3,064,860	1,560,904	4,839,888	210,753	483,336	0	502,368	179,822	321,993	726,658	12 neg		29
10,090	Crohn's disease	759,279	5,640,050	5,893,141	215,327	908,572	122,830	250,375	6,317,486	736,699	161,181			
10,094	Crohn's disease	2,153,522	2,067,775	2,215,576	694,280	1,237,060	930,156	491,528	4,098,131	967,472	954,849			
10,095	Crohn's disease	4,905,596	4,327,530	3,460,322	573,036	797,142	379,977	393,270	6,473,836	1,187,706	720,792			
10,102	Crohn's disease	445,821	378,722	797,078	161,173	245,130	126,539	88,512	115,577	131,432	475,933			
10,051	No digestive disease	549,212	526,443	198,870	947,346	0	0	191,673	1,794,907	0	0			
10,052	No digestive disease	580,759	317,476	367,236	33,889	5,587	0	59,482	356,263	396,032	0			
10,053	No digestive disease	57,898	242,565	0	50,803	0	0	37,486	503,405	336,286	25,866			
10,054	No digestive disease	107,351	78,554	408,109	95,010	0	0	0	694,824	1,014,501	0			
10,059	Anal fissure	349,679	441,239	0	0	0	0	0	2,354,312	228,946	0			
10,066	Proctitis/Psoriasis	149,491	174,695	197,496	99,518	117,444	0	74,490	1,088,575	844,179	97,181			
10,080	No digestive disease	948,557	1,266,954	885,097	67,661	0	0	0	1,159,558	1,193,312	0			
10,082	No digestive disease	78,069	1,379,223	710,595	0	0	0	0	4,238,190	1,678,410	0			
10,003	Ulcerative colitis	363,362	312,940	168,366	347,208	50,843	0	0	525,545	361,718	258,224			
10,020	Ulcerative colitis	0	2,703,085	0	0	0	0	0	1,186,666	541,282	0			
10,022	Ulcerative colitis	340,259	1,732,725	2,209,455	67,238	0	0	0	4,272,493	2,348,965	0	40 neg		18
10,023	Ulcerative colitis	90,914	1,209,892	20,926	0	267,614	0	0	308,161	93,567	50,612			
10,024	Ulcerative colitis	159,550	489,733	0	0	0	0	0	5,003,204	1,416,782	124,268			
10,030	Ulcerative colitis	1,650	6,963	58,288	0	71,007	0	0	1,227,240	606,565	152,946			
10,039	Ulcerative colitis	0	546,432	2,775,860	0	0	0	0	1,588,845	0	186,636			
10,040	Ulcerative colitis	0	371,848	33,848	0	0	0	0	2,838,390	744,886	1,110,942			
10,044	Ulcerative colitis	543,352	108,535	551,977	0	274,235	0	19,948	558,985	926,919	0			
10,050	Ulcerative colitis	1,182,838	430,129	806,578	274,541	419,442	118,678	313,631	1,537,328	355,345	563,448			
10,055	Ulcerative colitis	977,372	851,962	931,083	304,212	128,015	133,662	314,068	1,911,575	957,048	627,416			
10,059	Ulcerative colitis	169,349	133,683	746,781	97,734	0	0	0	1,281,592	777,260	25,579			
10,072	Ulcerative colitis	120,534	86,949	188,860	0	69,365	6,299	120,392	3,436,295	268,387	96,768	8 neg		8
10,079	Ulcerative colitis	335,039	3,441,678	1,186,596	191,939	103,676	48,476	34,897	1,513,149	432,879	0			
10,084	Ulcerative colitis	446,430	1,574,353	2,292,321	136,761	184,468	22,962	21,868	1,096,196	112,154	101,127			
10,086	Ulcerative colitis	161,202	379,003	417,320	36,600	0	0							

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**Date of Deposit: September 5, 2008**

**Attorney Docket No. 25681-502 P**

Please replace Table 3 beginning on page 36, line 1 with the following table:

patients and non CD patients. Glycans are presented in LINEARCODE®.

Patient No.	Clinical condition	IgA GNDHANA	IgA GNDHGNB	IgA MAGMA	IgA MAMMAN	IgM AUSSB	IgMAA	IgM AUAAMGNB	IgM AAAMAGNB	IgMABX(GN)GANA	IgM ABANA	IgM GNHMGCB	IgM GBHANA	IgM DEXTRIN	IgM NAMMAN
10.001	Crohn's disease	0	0	0	2,471,242	0	0	0	0	0	0	608,457	657,592	230,160	2,084,216
10.004	Crohn's disease	0	31,779	0	7,528,498	0	0	0	0	0	0	542,436	730,879	360,390	722,969
10.005	Crohn's disease	0	336,274	0	1,227,302	0	0	0	0	161,405	0	1,375,070	2,933,445	368,048	117,931
10.006	Crohn's disease	23,445	11,875	75,964	946,221	68,568	0	0	402,561	166,017	0	1,695,894	1,963,416	3,110,617	810,502
10.007	Crohn's disease	0	0	0	917,187	0	0	0	0	0	0	1,178,646	993,402	969,884	612,220
10.008	Crohn's disease	103,139	174,915	62,366	1,310,822	0	0	0	0	0	0	735,201	1,372,932	468,069	796,727
10.009	Crohn's disease	0	0	0	92,347	0	0	0	0	0	0	322,451	680,870	59,317	0
10.011	Crohn's disease	0	346,998	172,408	2,711,263	0	0	0	0	0	0	265,150	1,039,057	494,848	0
10.012	Crohn's disease	152,601	228,351	96,406	508,062	0	0	0	0	0	0	972,528	1,688,071	1,221,314	1,490,590
10.013	Crohn's disease	398,314	244,995	74,172	152,447	1,274,136	1,194,899	1,392,444	0	0	0	1,174,565	4,191,276	2,049,830	2,588,786
10.015	Crohn's disease	276,400	662,981	207,563	805,291	397,307	390,644	325,647	0	0	0	1,054,492	1,545,327	2,107,182	1,418,006
10.016	Crohn's disease	262,558	60,337	59,441	2,633,452	280,897	0	14,251	0	0	0	1,328,058	3,127,245	1,587,531	70,238
10.018	Crohn's disease	0	0	0	394,458	248,996	228,314	158,547	0	0	0	1,430,548	1,912,812	2,166,938	1,971,045
10.021	Crohn's disease	42,493	0	0	336,824	762,736	852,490	700,041	0	327,738	4,353	1,468,668	2,142,999	2,094,545	1,286,376
10.025	Crohn's disease	316,210	0	118,211	1,399,632	466,121	319,573	955,269	0	0	0	2,975,994	3,717,466	2,312,303	2,435,341
10.026	Crohn's disease	93,421	0	5,028	199,707	0	0	0	0	0	0	745,061	3,384,432	3,509,606	409,591
10.027	Crohn's disease	68,671	16,665	2,855	642,630	151,387	437,186	547,822	0	0	0	1,779,829	3,425,917	1,720,479	3,144,625
10.028	Crohn's disease	9,000	101,278	21,251	775,450	510,204	540,836	723,234	0	81,777	46,618	1,562,468	2,857,269	2,236,531	3,049,138
10.031	Crohn's disease	17,959	7,639	171,149	1,043,614	165,011	242,183	199,166	0	15,968	0	578,140	849,394	973,540	910,393
10.033	Crohn's disease	130,546	0	143,284	2,808,678	14,440	0	1,113,845	0	0	0	879,981	1,786,910	822,422	587,545
10.034	Crohn's disease	28,933	76,677	0	796,415	770,101	695,338	841,841	0	121,757	78,717	1,117,458	1,646,989	1,616,572	1,320,077
10.036	Crohn's disease	166,203	638,663	313,056	894,349	163,646	642,487	2,180,044	0	0	0	2,573,805	2,518,175	2,570,459	1,652,108
10.041	Crohn's disease	72,138	312,400	40,870	1,134,466	123,889	89,104	151,581	0	0	0	781,745	1,733,620	929,763	1,789,860
10.042	Crohn's disease	121,281	461,961	96,621	448,555	0	1,345,482	1,158,234	0	0	0	2,298,533	3,652,326	4,851,471	1,342,805
10.043	Crohn's disease	609,401	946,450	175,316	2,132,133	0	0	0	0	0	0	943,254	3,801,226	349,534	628,039
10.047	Crohn's disease	130,239	89,417	354,536	3,330,642	831,510	857,115	1,076,947	0	465,551	147,112	1,854,934	3,495,774	3,233,236	1,936,982
10.058	Crohn's disease	110,420	127,566	83,918	705,563	128,565	220,493	428,347	0	0	0	897,206	1,775,488	766,026	983,376
10.060	Crohn's disease	492,266	0	1,680,299	4,665,963	363,862	1,284,367	474,206	0	19,714	0	926,098	2,910,549	1,296,914	699,571
10.061	Crohn's disease	158,347	610,869	308,553	1,513,948	890,511	1,095,609	1,128,863	0	621,675	149,877	2,612,378	3,699,996	2,379,098	4,685,631
10.062	Crohn's disease	269,501	687,427	334,870	6,413,459	715,200	1,485,943	2,484,680	0	220,921	188,832	1,454,405	2,716,333	1,256,919	1,245,680
10.064	Crohn's disease	539,120	966,435	369,881	7,318,963	245,487	664,566	1,633,864	0	635,144	0	1,893,522	3,343,233	2,212,175	2,923,034
10.067	Crohn's disease	35,566	72,174	67,348	953,714	222,329	141,266	75,592	0	0	0	631,443	1,765,852	1,200,459	1,011,954
10.068	Crohn's disease	512,740	619,837	152,275	646,134	0	0	0	0	0	0	0	829,715	0	0
10.071	Crohn's disease	697,219	227,591	264,323	2,120,939	67,868	77,630	88,393	0	272,031	0	669,203	1,023,200	302,307	2,573,082
10.073	Crohn's disease	1,108,947	1,190,028	275,561	4,724,418	0	0	147,447	30,339	148,079	5,781	693,896	1,180,873	1,506,812	2,148,575
10.074	Crohn's disease	102,766	151,414	0	2,834,813	0	0	0	0	0	0	1,549,121	2,082,886	1,385,468	531,246
10.075	Crohn's disease	0	0	0	2,892,894	65,267	34,147	241,365	0	65,722	0	839,403	1,814,627	1,571,440	582,384
10.077	Crohn's disease	432,092	229,195	0	448,898	0	214,916	86,848	0	321,513	0	576,897	1,308,189	1,059,111	369,244
10.078	Crohn's disease	410,956	328,642	922,740	2,545,334	0	0	0	0	0	0	43,955	952,620	454,210	791,441
10.081	Crohn's disease	371,039	165,461	35,119	1,313,553	0	0	0	0	0	0	26,366	907,269	0	93,410
10.089	Crohn's disease	939,597	1,113,730	277,224	515,127	0	0	0	0	0	0	0	319,606	309,448	0
10.090	Crohn's disease	302,186	226,019	54,115	2,362,390	0	0	0	0	6,781	0	326,922	561,737	253,387	635,071
10.094	Crohn's disease	497,476	190,609	45,591	436,905	68,165	118,072	97,315	93,394	70,477	4,567	427,722	634,599	741,918	1,331,805
10.095	Crohn's disease	10,806	2,644	0	507,917	0	0	0	0	331,811	0	1,367,109	711,417	2,803,494	0
10.102	Crohn's disease	46,151	18,064	0	343,762	0	0	0	0	0	0	0	78,782	0	860,022
10.051	No digestive disease	47,892	817,025	0	563,929	0	0	0	0	0	0	0	0	70,888	0
10.052	No digestive disease	117,302	150,206	93,166	605,430	0	0	0	0	0	0	0	0	0	0
10.053	No digestive disease	36,792	224,900	0	215,860	0	803,031	314,948	0	0	0	909,819	1,957,899	2,693,514	180,549
10.054	No digestive disease	99,132	97,152	97,263	744,642	0	0	33,896	86,151	118,374	0	1,417,516	2,034,745	1,190,821	0
10.059	Anal fissure	0	0	0	636,387	0	0	0	47,680	0	0	621,074	860,869	553,501	0
10.065	Proctitis/Psonosis	422,565	580,445	0	1,448,060	255,814	613,172	366,365	711,585	672,896	548,481	1,399,015	2,112,942	2,036,326	2,851,646
10.060	No digestive disease	104,079	137,997	0	1,279,087	0	142,813	1,437,670	367,136	255,635	13,016	682,951	1,753,399	456,998	226,598
10.082	No digestive disease	1,071,426	53,817	17,586	803,228	0	0	361,634	265,794	58,062	1,059,304	3,803,966	6,040,919	0	0
10.003	Ulcerative colitis	8,237	26,105	0	823,317	0	0	0	0	0	0	0	0	0	0
10.020	Ulcerative colitis	0	0	0	524,406	0	0	0	0	0	0	0	0	0	0
10.022	Ulcerative colitis	0	0	0	739,593	0	0	230,936	5,354	0	0	530,365	1,220,301	910,810	0
10.023	Ulcerative colitis	259,476	0	0	685,296	0	0	0	538,071	0	0	630,728	401,825	109,462	0
10.024	Ulcerative colitis	0	0	24,598	639,507	0	0	0	119,591	2,544,871	64,642	1,271,762	2,775,365	877,756	1,161,681
10.030	Ulcerative colitis	0	0	76,523	1,016,276	0	0	0	0	0	0	606,210	622,605	1,558,797	0
10.039	Ulcerative colitis	48,020	11,750	0	846,823	0	0	0	26,754	32,355	0	732,277	910,699	542,797	51,325
10.040	Ulcerative colitis	0	0	0	831,587	0	0	0	0	0	0	796,350	1,269,960	751,679	156,668
10.044	Ulcerative colitis	11,952	83,214	18,860	413,193	7,575	99,214	210,443	53,421	548,458	59,039	402,433	873,504	961,761	692,203
10.050	Ulcerative colitis	51,955	5,070	0	360,267	0	0	0	0	0	0	445,848	728,257	737,989	134,037
10.055	Ulcerative colitis	0	101,517	0	454,560	646,009	651,293	679,823	669,033	381,510	201,783	1,203,436	1,975,174	1,363,891	1,042,417
10.069	Ulcerative colitis	9,590	0	38,568	419,600	0	0	0	0	0	0	1,127,666	1,331,795	0	313,657
10.072	Ulcerative colitis	7,293	0	15,179	998,491	0	0	0	0	375,381	0	825,865	1,084,765	2,081,853	566,881
10.079	Ulcerative colitis	0	0	36,661	603,017	0	79,691	36,805	512,305	182,972	79,189	828,413	1,477,648	992,891	696,436
10.084	Ulcerative colitis	0	0	0	428,114	0	0	0	0	0	0	650,863	1,075,158	309,883	488,824
10.086	Ulcerative colitis	0	0	0	607,351	16,236	221,934	0	293,278	0	0	835,147	1,931,046	1,405,512	824,630
10.087	Ulcerative colitis	262,819	0	12,060	873,344	175,021	175,678	321,514	145,748	337,665	220,927	592,753	1,540,708	897,343	1,016,698
10.096	Ulcerative colitis	0	0	56,445	371,917	0	0	0	0	0	0	331,000	441,228	452,374	582,057
10.097	Ulcerative colitis	0	0	40,759	571,976	0	0	0	0	1,022,582	33,778	654,116	2,517,741	913,480	517,995
Average															
Crohn's disease		224,427	259,542	156,743	1,797,182	193,725	294,251	395,947	11,695	83,517	13,908	1,024,356	1,895,124	1,333,594	1,277,643
No Crohn's Disease		94,838	84,778	19,507	686,898	40,765	103,227	134,534	144,481	252,329	54,516	684,140	1,294,463	838,279	429,258
Median															
Crohn's disease		121,281													